



(Use as many sheets as necessary)

Sheet

of

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Complete if Known	
Application Number	10/566,496
Filing Date	01/31/2006
First Named Inventor	Gilbert Gorr
Art Unit	1636
Examiner Name	Nancy Vogel
Attorney Docket Number	GRNO-05U1

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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First Named Inventor	Gilbert Gorr
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Examiner Name	Nancy Vogel
Attorney Docket Number	GRNO-0511

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ²
		Country Code ³ "Number" * Kind Code ⁵ (if known)	MM-DD-YYYY			
	F7	EP 0 175 966 A1	04-02-1986	CALGENE INC.		
	F8	EP 0 290 395 A2	05-03-1988	SANDOZ-ERFINDUNGEN		
	F9	EP 0 331 083 A2	02-27-1989	SCHWEIZERISCHE EIDGEN		
	F10	EP 0 434 616 A1	12-11-1990	SAUTTER		
	F11	EP 0 444 882 B1	02-26-1991	MONSANTO COMPANY		
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First Named Inventor	Gilbert Gorr
Art Unit	1636
Examiner Name	Nancy Vogel
Attorney Docket Number	GRNO-05U1

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	D11	HOHE et al., Optimisation of a bioreactor culture of the moss Physcomitrella patens for mass production of protoplasts, Plant Sci 165:354-358 (1985)	
	D12	KAMMERER et al., Genetic analysis of the effects of retransformation of transgenic lines of the moss physcomitrella patens, Mol. Gen. Genet. 250:380-382 (1996)	
	D13	KINDLE, High-frequency nuclear transformation of chlamydomonas reinhardtii, Proc. Natl. Acad. Sci. 87:1228-1232 (1990)	
	D14	MA et al, Intrinsic direct repeats generate consistent post-transcriptional gene silencing in tobacco, Plant J. (2002) Abstract	
	D15	OARD, Physical methods for the transformation of plant cells, Biotech. Adv. 6:1-11 (1991)	
	D16	PEARSON, Rapid and sensitive sequence comparison with fastp and fasta, Methods in Enzymology 183:63-98 (1990)	
	D17	RESKI et al, Genome analysis of moss Physcomitrella patens, Mol Gen Genet 244:352-359 (1994)	
	D18	RESKI et al, Induction of budding on chloronemata and caulonemata of the moss, physcomitrella patens, using isopentyladenine, Planta 165:354-358 (1985)	
	D19	REUTTER et al, Production of a heterologous protein in bioreactor cultures of fully differentiated moss plants, Plant Tissue Culture and Biotechnology 2(3):142-147	
	D20	RINGOLD, Co-expression and amplification of dihydrofolate reductase cDNA and the escherichia coli XGPRT gene in chinese hamster ovary cells, J Mol Appl Genet 1(3):165-75 (1985)	

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Application Number 10/566,496

Filing Date 01/31/2006

First Named Inventor Gilbert Gorr

Art Unit 1636

Examiner Name Nancy Vogel

Sheet 6 of 6 Attorney Docket Number GRNO-05U1

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	D21	ROTHER, Fate of a mutant macrochloplast in somatic hybrids, J. Plant Physiol. 143:72-77 (1994)	
	D22	SCHAEFER, A new moss genetics: targeted mutagenesis in physcomitrella patens, Annu. Rec. Plant. Biol. 53:477-501 (2002)	
	D23	SCHAEFER, Stable transformation of the moss physcomitrella patens, Mol. Gen. Genetics 226:418-424 (1991)	
	D24	SCHAEFER, Principles and protocols for the moss physcomitrella patens, http://www.unil.ch/lpc/docs/PPprotocols2001.pdf (2001)	
	D25	STREP et al, Plant nuclear gene knockout reveals a role in plastid division for the homolog of the bacterial cell division protein FtsZ Proc Natl Acad Sci 95:4368-4373 (1998)	
	D26	TOPFER et al. Versatile cloning vectors for transient gene expression and direct gene transfer in plant cells, NAR 16:8725 (1988)	
	D27	TOPFER et al, A set of plant expression vectors for transcriptional and translational fusions, NAR15, 5890 (1987)	
	D28	ZEIDLER et al, Transgene expression in the moss ceratodon purpeus, J Plant Physiol. 154:641-550 (1999)	

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	F1	WO 87/06614	11-05-1987	SZALAY		
	F2	WO 90/12096	10-18-1990	LOW et al		
	F3	WO 92/09696	06-11-1992	D'HALLUIN et al		
	F4	WO 94/00583	01-06-1994	ESPINASSET-GELLNER		
	F5	WO 01/12456 A2	04-12/2001	RESKI et al		
	F6	WO 02/097080 A2	12-05-2002	KLIMYUK et al		

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/566,496
		Filing Date	01/31/2006
		First Named Inventor	Gilbert Gorr
		Art Unit	1636
		Examiner Name	Nancy Vogel
Sheet 5 of 6	Attorney Docket Number	GRNO-05U1	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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		Art Unit	1636		
		Examiner Name	Nancy Vogel		
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Application Number	10/566,496
Filing Date	01/31/2006
First Named Inventor	Gilbert Gorr
Art Unit	1636
Examiner Name	Nancy Vogel
Attorney Docket Number	GRNO-05U1

Sheet

1

of

6

Attorney Docket Number

GRNO-05U1

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code ² *Number ⁴ *Kind Code ⁵ (if known)	MM-DD-YYYY			
	F1	WO 87/06614	11-05-1987	SZALAY		
	F2	WO 90/12096	10-18-1990	LOW et al		
	F3	WO 92/09696	06-11-1992	D'HALLUIN et al		
	F4	WO 94/00583	01-06-1994	ESPINASSET-GELLNER		
	F5	WO 01/12456 A2	04-12/2001	RESKI et al		
	F6	WO 02/097080 A2	12-05-2002	KLIMYUK et al		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	2	of	6
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Application Number	10/566,496
Filing Date	01/31/2006
First Named Inventor	Gilbert Gorr
Art Unit	1636
Examiner Name	Nancy Vogel
Attorney Docket Number	GRNO-05111

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	F7	EP 0 175 966 A1	04-02-1986	CALGENE INC.		
	F8	EP 0 290 395 A2	05-03-1988	SANDOZ-ERFINDUNGEN		
	F9	EP 0 331 083 A2	02-27-1989	SCHWEIZERISCHE EIDGEN		
	F10	EP 0 434 616 A1	12-11-1990	SAUTTER		
	F11	EP 0 444 882 B1	02-26-1991	MONSANTO COMPANY		
	F12	EP 1 206 561 B1	09-27-2000	GREENOVATION BIOTECH		

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Sheet	3	of	6
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Application Number	10/566,496
Filing Date	01/31/2006
First Named Inventor	Gilbert Gorr
Art Unit	1636
Examiner Name	Nancy Vogel
Attorney Docket Number	GRNO-05U1

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet	4	of	6	Application Number	10/566,496
				Filing Date	01/31/2006
				First Named Inventor	Gilbert Gorr
				Art Unit	1636
				Examiner Name	Nancy Vogel
				Attorney Docket Number	GRNO-05U1

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	D2	BORISJUK, Production of recombinant proteins in plant root extracts, Nature Biotechnology 17:466-469 (1999)	
	D3	CADDICK, An ethanol inducible gene switch for plants used to manipulate carbon metabolism, Nature Biotechnology 16:177-180 (1998)	
	D4	DEPICKER, Nopaline synthase: transcript mapping and dna sequence, J. Mol. Appl. Genet. 1(6):561-573 (1982)	
	D5	ENGEL, The induction of Biochemical and Morphological mutants in the moss physcomitrella patens, Amer. J. Biot. 55(4):438-446 (1968)	
	D6	FREEMAN, A comparison of methods for plasmid delivery into plant protoplasts, Plant & Cell Physiol. 25(8)1353-1365 (1984)	
	D7	GORR, Biotechnologische Nutzung von physcomitrella patens, Dissertation (1999)	
	D8	GORR et al, Using a moss for the expression of recombinant human vascular endothelial growth factor: an alternative, Naunyn-Schmiedeberg's Arch. Pharmacol. 329 Suppl.R86 (2001)	
	D9	GRIMSLEY et al. The production of somatic hybrids by protoplast fusion in the moss, physcomitrella patens Molec. gen. Genet 154:97-100(1977)	
	D10	HERLITSCHKA et al, Overexpression of human prothrombin in permanent cell lines using a dominant selection/amplification fusion marker, Prot. Express. and Pur 8, 358-364 (1996)	

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